Bruhat Bangalore Mahanagara Palike

Executive Engineer Yelahanka Project Division

Name of Work: PACKAGE No-03 Providing grill fencing and other developmental works at Sardara vallabai patel park, Kengolli rayanna park, Ambedkar park and Providing Gym & Children Play Equipments to Various Parks in Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants

Modified Schedule B

Sl No	Description of Item	Unit	Qty	Rate, Rs	
				In Figures	In Words
1	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material to the appropriate disposal area as per direction of Engineer-in-charge. (V-II, P.No.163, I.No.19.3 of PW, P&IWTD SR 2021-22)	Cum	72.80	2136.72	
2	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material to the appropriate disposal area as per direction of Engineer-in-charge. In cement mortar (V-II, P.No.163, I.No.19.7.1 of PW, P&IWTD SR 2021-22)	Cum	0.00	907.41	
3	Dismantling dressed stone work ashlar face stone work, marble work or precast concrete work manually/ by mechanical means including stacking of serviceable and disposal of unserviceable material to the appropriate disposal area as per direction of Engineer-in-charge. (V-II, P.No-164, I.No-19.10.1 of PWD SR 2021-22)	Cum	127.80	880.73	
4	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.(V-I.No 1.4,Page No-5 of PWD SR 2021-22)	Cum	1148.73	214.07	
5	Providing and laying reinforced cement concrete pipe NP3 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets Clause 1101.6. 1200mm dia (V-3, P.No-134, I No-20.16 A of PWD SR 2021-22)	Mtr	30.00	9384.98	
6	Providing and Filling in foundation with granite / trap broken metal 100mm and down size with approved M-Sand including hand packing, ramming, watering including cost of all materials and labour with all lead and lift complete as per specifications. (V-5, P.No-64, I No-9 A130A of PWD SR 2021-22)	Cum	23.88	1665.46	
7	Granular Aggregates, 53mm downsize (V-1, P.No- A 38, I No-8 of PWD SR 2021-22)	Cum	23.88	1437.47	
8	Granular Aggregates, 40mm downsize (V-1, P.No- A 38, I No-7 of PWD SR 2021-22)	Cum	23.88	1437.47	
9	Granular Aggregates, 20mm downsize (V-1, P.No- A 38, I No-4 of PWD SR 2021-22)	Cum	23.88	1552.56	
10	Sand - M-Sand –Fine (V-1, P.No- A 41, I No-71 of PWD SR 2021-22)	Cum	15.92	1711.11	
11	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately)Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates (V-1, P.No-15, I No-2.1.3 of PWD SR 2021-22)	Cum	1057.72	6614.74	
12	Stones Providing Size Stone masonry (Available Stones) with hard stone in Foundation & Plinth with Cement Mortar 1:6 (1 Cement : 6 Coarse Sand) (Arrived Rate)	Cum	103.00	4510.22	

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Sl No	Description of Item	Unit	Qty	Rate, Rs	
				In Figures	In Words
13	Providing Coursed rubble masonry (second sort) with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand) (V-II, No-5.3, P.No-9 of PWD SR 2021-22)	Cum	606.00	6055.81	
14	Providing Coursed rubble masonry (first sort) with hard stone in foundation and plinth with Cement mortar 1:6 (1 cement : 6 coarse sand) (V-II, No-5.2, P.No-9 of PWD SR 2021-22)	Cum	303.18	6452.58	
15	Providing ruled pointing to cursed stone masonry with lime mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost all materials, labour, usage charges of machinery, curing complete as pre specification (V-II, P.No-190, I No-21.10 of PWD SR 2021-22)	Sqm	1123.48	273.70	
16	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) Mix 1:2:4 (M15) Using 20 mm nominal size graded crushed coarse aggregates (V-I, No-2.4.1, P.No-17 of PWD SR 2021-22).	Cum	179.81	7010.63	
17	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density. (V-3, P.No- 24, I No-4.27 of PWD SR 2021-22)	Cum	0.00	2753.13	
18	Sand – River sand (V-1, P.No- A 40, I No-73 of PWD SR 2021-22)	Cum	175.03	2028.61	
19	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates.(V-I, P.No.17, I.No.2.4.2 of PW, P&IWTD SR 2021-	Cum	0.00	7194.40	
20	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates.(V-I, P.No.17, I.No.2.4.3 of PW, P&IWTD SR 2021-	Cum	82.62	7243.28	

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Sl No	Description of Item	Unit	Qty	Rate, Rs	
				In Figures	In Words
21	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications.(V-III, P.No.99, I.No.13.1 of PW, P&IWTD SR 2021-22) Issuse Rate dated 07/04/2022	Tonne	2.07	118826.37	
22	Fabricating, providing and erecting in position of MS Hot Dip Galvanised Sq. Hallow Poles of 132 X 132 Heavy gauge of length 3000mm with MS. Hot dip Galvanised grill work as per approved design and drawing of chief architect. Using 12 X 75mm galvanised flat for alround frame and 20 X 20mm galvanised forged design with square for vertical at 150mm c/c as shown in the drawing including providing forged ornamental arrowhead at top and bottom. The work is inclusive of throughing flat, square rods, placing welding all the joints, including grinding, finishing 2 coats of anticorrosive paint over one coat of metal primer. The rate is inclusive of all materials like MS. Hollow galvanized pipe, flats, forged square rods, cost of labour for all items of work cost painting, welding, cutting, grinding with all lead and lift as per specification including loading and unloading with cost and conveyance of all materials, labour, machinery andincidental charges for the successful completion of the work as per the direction of the Engineer-in-charge of the work. (Data	Sqm	2992.32	16340.18	
23	Fabricating, providing and erecting in position Hot dip galvanised Gate. Using 72 X 72 X 4.8mm Sq. GI Pipe Frame with Top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanised sq. rod for verticals at 150mm c/c, as shown in the drawing including providing hot dip galvanised forged ornamental design in between sq. rods and heads at top, middle and bottom. Intermediate supports of 75X12 mm and 50X6 mm arch bend to hot dip galvanised flats. The work is inclusive of throughing GI flat GI sq. rods, placing, welding all the joints including grinding, finishing metal putty, painting two coats enamel painting. The rate is inclusive of all materials like GI sq. pipe, GI sq. rods, GI forged designs etc., heavy duty hinges are made out of 75mm solid sq. block assembled with 20mm dia bearing in three places for each flop. Heavy Duty Locking arrangements at tow places including cost of labour, painting, erecting charges using hoist pulley cranes with all lead and lift, loading, transportation, unloading, scaffolding charges and all other	Sqm	175.30	22319.75	
24	Removing and Resetting of Kerb Stones	Rmtr	740.00	135.87	
25	Removing & Resetting of Cobble Stones	Sqm	840.00	436.94	
26	Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete as directed by the Engineer in Charge of the work (Data Rate)	Nos	6420.56	530.10	
27	Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces (P.No.56, I.No.8.10 of PW, P&IWTD SR 2021-22)	Sqm	1242.71	97.75	
28	Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per m2 over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level , including cost of materials, labour and Usage charges of machinery complete as per specifications.(V-II, P.No.64, I.No.9.31of PW, P&IWTD SR 2021-22)	Sqm	2915.61	1250.12	

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Sl No	Description of Item	Unit	Qty	Rate, Rs	
				In Figures	In Words
29	Providing, laying & fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, mortar, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification. (V-II, P.No.65, I.No.9.40 of PW, P&IWTD SR 2021-22)	Sqm	491.78	1309.85	
30	Executive Bench- Made out of Sadarahalli grey stone with hand supports with 3 line finishing with arch design with 100mm slabs. Height 90x Length 1500 width 45 cms (Data approved rate)	Nos	70.00	19027.04	
31	Basket ball poles with board inclusive of all taxes and transportation charges as per the direction of Engineer in Charge (Data approved rate)	Each	2.00	914757.21	
32	Supply and Fixing of Arm and Pedal Bike: All products must test and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of the supplier by themselves or through their authorized dealers or contractors. The suppliers products must have been installed in at least 200 public parks across India the list of which to be submitted during the technical bid. Any five parks will be randomly selected by the tendering authority or a third party appointed by it to check and ascertain the product GS Marks, safety, quality and durability at site, the evaluation report to have photographs of the installed products taken at site showing the GS mark and the condition of the equipment, based upon which the tender shall be evaluated. The EN16630 & GS Mark certificates must be submitted during the technical bid and the same must reflect clearly on the notified certifying bodies websites as online verification is mandatory during	Each	3.00	299909.71	
33	Supply and Fixing of Bicycle: All products must test and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of the supplier by themselves or through their authorized dealers or contractors. The suppliers products must have been installed in at least 200 public parks across India the list of which to be submitted during the technical bid. Any five parks will be randomly selected by the tendering authority or a third party appointed by it to check and ascertain the product GS Marks, safety, quality and durability at site, the evaluation report to have photographs of the installed products taken at site showing the GS mark and the condition of the equipment, based upon which the tender shall be evaluated. The EN16630 & GS Mark certificates must be submitted during the technical bid and the same must reflect clearly on the notified certifying bodies websites as online verification is mandatory during technical bid. All	Each	3.00	220523.02	

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34	Supply and Fixing of Big Shoulder Wheel: All products must test and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of the supplier by themselves or through their authorized dealers or contractors. The suppliers products must have been installed in at least 200 public parks across India the list of which to be submitted during the technical bid. Any five parks will be randomly selected by the tendering authority or a third party appointed by it to check and ascertain the product GS Marks, safety, quality and durability at site, the evaluation report to have photographs of the installed products taken at site showing the GS mark and the condition of the equipment, based upon which the tender shall be evaluated. The EN16630 & GS Mark certificates must be submitted during the technical bid and the same must reflect clearly on the notified certifying bodies websites as online verification is mandatory during	Each	2.00	211701.09	
35	Supply and Fixing of Elliptical Cross Trainer: All products must test and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of the supplier by themselves or through their authorized dealers or contractors. The suppliers products must have been installed in at least 200 public parks across India the list of which to be submitted during the technical bid. Any five parks will be randomly selected by the tendering authority or a third party appointed by it to check and ascertain the product GS Marks, safety, quality and durability at site, the evaluation report to have photographs of the installed products taken at site showing the GS mark and the condition of the equipment, based upon which the tender shall be evaluated. The EN16630 & GS Mark certificates must be submitted during the technical bid and the same must reflect clearly on the notified certifying bodies websites as online verification is mandatory during	Each	3.00	246983.95	
36	Supply and Fixing of Leg Stretch: All products must test and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of the supplier by themselves or through their authorized dealers or contractors. The suppliers products must have been installed in at least 200 public parks across India the list of which to be submitted during the technical bid. Any five parks will be randomly selected by the tendering authority or a third party appointed by it to check and ascertain the product GS Marks, safety, quality and durability at site, the evaluation report to have photographs of the installed products taken at site showing the GS mark and the condition of the equipment, based upon which the tender shall be evaluated. The EN16630 & GS Mark certificates must be submitted during the technical bid and the same must reflect clearly on the notified certifying bodies websites as online verification is mandatory during technical bid. All	Each	3.00	68873.67	

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37	Supply and Fixing of Pull Down Challenger: All products must test and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of the supplier by themselves or through their authorized dealers or contractors. The suppliers products must have been installed in at least 200 public parks across India the list of which to be submitted during the technical bid. Any five parks will be randomly selected by the tendering authority or a third party appointed by it to check and ascertain the product GS Marks, safety, quality and durability at site, the evaluation report to have photographs of the installed products taken at site showing the GS mark and the condition of the equipment, based upon which the tender shall be evaluated. The EN16630 & GS Mark certificates must be submitted during the technical bid and the same must reflect clearly on the notified certifying bodies websites as online verification is mandatory during	Each	3.00	417756.62	
38	Supply and Fixing of Seated Chest Press: All products must test and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of the supplier by themselves or through their authorized dealers or contractors. The suppliers products must have been installed in at least 200 public parks across India the list of which to be submitted during the technical bid. Any five parks will be randomly selected by the tendering authority or a third party appointed by it to check and ascertain the product GS Marks, safety, quality and durability at site, the evaluation report to have photographs of the installed products taken at site showing the GS mark and the condition of the equipment, based upon which the tender shall be evaluated. The EN16630 & GS Mark certificates must be submitted during the technical bid and the same must reflect clearly on the notified certifying bodies websites as online verification is mandatory during	Each	3.00	405760.25	
39	Supply and Fixing of Rider: All products must test and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of the supplier by themselves or through their authorized dealers or contractors. The suppliers products must have been installed in at least 200 public parks across India the list of which to be submitted during the technical bid. Any five parks will be randomly selected by the tendering authority or a third party appointed by it to check and ascertain the product GS Marks, safety, quality and durability at site, the evaluation report to have photographs of the installed products taken at site showing the GS mark and the condition of the equipment, based upon which the tender shall be evaluated. The EN16630 & GS Mark certificates must be submitted during the technical bid and the same must reflect clearly on the notified certifying bodies websites as online verification is mandatory during technical bid. All	Each	2.00	158775.81	

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40	Supply and Fixing of Self Weighted Rower: All products must test and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of the supplier by themselves or through their authorized dealers or contractors. The suppliers products must have been installed in at least 200 public parks across India the list of which to be submitted during the technical bid. Any five parks will be randomly selected by the tendering authority or a third party appointed by it to check and ascertain the product GS Marks, safety, quality and durability at site, the evaluation report to have photographs of the installed products taken at site showing the GS mark and the condition of the equipment, based upon which the tender shall be evaluated. The EN16630 & GS Mark certificates must be submitted during the technical bid and the same must reflect clearly on the notified certifying bodies websites as online verification is mandatory during	Each	2.00	291089.73	
41	Supply and Fixing of Tai Chi Spinners: All products must test and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of the supplier by themselves or through their authorized dealers or contractors. The suppliers products must have been installed in at least 200 public parks across India the list of which to be submitted during the technical bid. Any five parks will be randomly selected by the tendering authority or a third party appointed by it to check and ascertain the product GS Marks, safety, quality and durability at site, the evaluation report to have photographs of the installed products taken at site showing the GS mark and the condition of the equipment, based upon which the tender shall be evaluated. The EN16630 & GS Mark certificates must be submitted during the technical bid and the same must reflect clearly on the notified certifying bodies websites as online verification is mandatory during	Each	2.00	202880.13	
42	Supply and Fixing of Sit Up Station: All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of the supplier by themselves or through their authorized dealers or contractors. The suppliers products must have been installed in at least 200 public parks across India the list of which to be submitted during the technical bid. Any five parks will be randomly selected by the tendering authority or a third party appointed by it to check and ascertain the product GS Marks, safety, quality and durability at site, the evaluation report to have photographs of the installed products taken at site showing the GS mark and the condition of the equipment, based upon which the tender shall be evaluated. The EN16630 & GS Mark certificates must be submitted during the technical bid and the same must reflect clearly on the notified certifying bodies websites as online verification is mandatory during	Each	2.00	220522.05	

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				In Figures	In Words
43	Supply and Fixing of Squat Pushing: All products must test and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of the supplier by themselves or through their authorized dealers or contractors. The suppliers products must have been installed in at least 200 public parks across India the list of which to be submitted during the technical bid. Any five parks will be randomly selected by the tendering authority or a third party appointed by it to check and ascertain the product GS Marks, safety, quality and durability at site, the evaluation report to have photographs of the installed products taken at site showing the GS mark and the condition of the equipment, based upon which the tender shall be evaluated. The EN16630 & GS Mark certificates must be submitted during the technical bid and the same must reflect clearly on the notified certifying bodies websites as online verification is mandatory during technical bid. All	Each	2.00	379297.37	
44	Supply and Fixing of Double Health Walker: All products must test and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of the supplier by themselves or through their authorized dealers or contractors. The suppliers products must have been installed in at least 200 public parks across India the list of which to be submitted during the technical bid. Any five parks will be randomly selected by the tendering authority or a third party appointed by it to check and ascertain the product GS Marks, safety, quality and durability at site, the evaluation report to have photographs of the installed products taken at site showing the GS mark and the condition of the equipment, based upon which the tender shall be evaluated. The EN16630 & GS Mark certificates must be submitted during the technical bid and the same must reflect clearly on the notified certifying bodies websites as online verification is mandatory during	Each	3.00	417756.13	
45	Supply and Fixing of Mini Ski: All products must test and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of the supplier by themselves or through their authorized dealers or contractors. The suppliers products must have been installed in at least 200 public parks across India the list of which to be submitted during the technical bid. Any five parks will be randomly selected by the tendering authority or a third party appointed by it to check and ascertain the product GS Marks, safety, quality and durability at site, the evaluation report to have photographs of the installed products taken at site showing the GS mark and the condition of the equipment, based upon which the tender shall be evaluated. The EN16630 & GS Mark certificates must be submitted during the technical bid and the same must reflect clearly on the notified certifying bodies websites as online verification is mandatory during technical bid. All	Each	3.00	280998.02	

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46	Supply and Fixing of Waist Twister: All products must test and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of the supplier by themselves or through their authorized dealers or contractors. The suppliers products must have been installed in at least 200 public parks across India the list of which to be submitted during the technical bid. Any five parks will be randomly selected by the tendering authority or a third party appointed by it to check and ascertain the product GS Marks, safety, quality and durability at site, the evaluation report to have photographs of the installed products taken at site showing the GS mark and the condition of the equipment, based upon which the tender shall be evaluated. The EN16630 & GS Mark certificates must be submitted during the technical bid and the same must reflect clearly on the notified certifying bodies websites as online verification is mandatory during technical bid. All	Each	3.00	229343.01	
47	Supply and Fixing of Maxima N Swing: All products must be tested and certified to meet EN 1176 safety standards. The EN 1176 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The EN 1176 certificates must be in the name of a supplier who has carried out in excess of at least 100 public park projects in India either by themselves or through their dealers or contractors. These EN 1176 certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory. Inverted U shaped structural posts of height 2.31 m are to be schedule HOT DIP Galvanized steel with a 114mm OD and 2.2mm (wall) thickness of the tubing. Toprail at height 2.31 m and Dia 114 mm shall be an all-robotic welded unit, fabricated from 114 O.D. Plastic Components such as swing seats [super thick plastic] shall be animated and shall be rotationally molded from antistatic, copolymer, virgin linear low density UV stabilized polyethylene, with color molded in and minimum thickness of 6 - 8mm. The rates are inclusive of all taxes,	Each	2.00	346735.87	
48	Supply and Fixing of Fiero A Swing: All products must be tested and certified to meet EN 1176 safety standards. The EN 1176 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The EN 1176 certificates must be in the name of a supplier who has carried out in excess of at least 100 public park projects in India either by themselves or through their dealers or contractors. These EN 1176 certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory. Shaped structural posts of height 2.31 m are to be schedule HOT DIP Galvanized steel with a 114mm OD and 2.2mm (wall) thickness of the tubing. Plastic Components such as swing seats [super thick plastic] shall be animated and shall be rotationally molded from antistatic, copolymer, virgin linear low density UV stabilized polyethylene, with color molded in and minimum thickness of 6 - 8mm. The rates are inclusive of all taxes, transportation charges and installation. PLAY EQUIPMENT DIMENSIONS: 3.21 m x 1.54 m x 2.50 m	Each	2.00	250309.89	

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No	Description of Item	Unit	Qty	Rate, Rs	
				In Figures	In Words
49	Supply and Fixing of 4 Seater See Saw: All products must be tested and certified to meet EN 1176 safety standards. The EN 1176 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The EN 1176 certificates must be in the name of a supplier who has carried out in excess of at least 100 public park projects in India either by themselves or through their dealers or contractors. These EN 1176 certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory. The See Saw consists of 2 poles of Dia 114mm and thickness of 2.5mm which balances the horizontal rod at the center which is of size 3110 mm length and Dia 114 mm. It consists of 4 seats which is made of LLDPE virgin plastic of size 305mm X 213 mm X 125 mm. PLAY EQUIPMENT DIMENSIONS: 3.10 m x 0.44 m x 0.80 m	Each	2.00	214366.73	
50	Supply and Fixing of 2 Seater See Saw: All products must be tested and certified to meet EN 1176 safety standards. The EN 1176 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The EN 1176 certificates must be in the name of a supplier who has carried out in excess of at least 100 public park projects in India either by themselves or through their dealers or contractors. These EN 1176 certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory. The See Saw consists of 2 poles of Dia 114mm and thickness of 2.5mm which balances the horizontal rod at the center which is of size 3110 mm length and Dia 114 mm. It consists of 2 seats which is made of LLDPE virgin plastic of size 305mm X 213 mm X 125 mm. The rates are inclusive of all taxes, transportation charges and installation. PLAY EQUIPMENT DIMENSIONS: 3.11 m x 0.44 m x 0.66 m	Each	2.00	162646.23	
51	Supply and fixing of children Multi Play Equipment SCARBROUGH (KPS-1434-E-PVC) with curved slide and number panel. The equipment comprises of 2 numbers of Upright structural posts of height 2.4 m, 2 numbers of Upright structural posts of height 2.7 m, 2 numbers of Upright structural posts of height 3.3 m and 4 numbers of Upright structural posts of height 3.9 m are to be schedule HOT DIP Galvanized steel with a 114mm OD and 2.2mm thickness of the tubing. 6 numbers of Deck of size 1.14 x 1.14 m and Staircase of size 1.5m x 0.77 m are fabricated from 2mm perforated solid punched steel. Decks are pre pressed, punched, and welded, powder coated to 2.2mm thickness or vinyl plastic coated to a thickness of 4mm. Handrail of height 2.2 m and Dia 32 mm. Top rails of Monkey loop of size 1.8 m x 1.3 m. Sun Roof of size Dia 2 m and height 0.82 m, Spiral Slide of size 1.16 m x 1.6 m x 3.6 m, L - Curved Slide of size 1.94 m x 1.85 m x 2.4 m, Panels with color molded in and minimum thickness of 6 - 8mm. The supplier must have carried out in excess of at least	Each	2.00	4309578.54	
52	Supply and fixing of children Multi Play Equipment BRIGHTON (KPS-1427-PVC) with curved slide, tunnel and side panels. The equipment comprises of 2 numbers of Upright structural posts of height 2.2 m, 4 numbers of Upright structural posts of height 2.4 m, 4 numbers of Upright structural posts of height 2.7 m, 4 numbers of Upright structural posts of height 2.8 m, 2 numbers of Upright structural posts of height 3.0 m and 4 numbers of Upright structural posts of height 4.5 m and 2.2mm thickness of the tubing. 7 numbers of Deck of size 1.14 x 1.14 m, Staircase of size 1.74m x 1.32 m and Impending stairs of size 0.80 m x 0.60 m and 1.05 m x 0.68 m are fabricated from 2mm perforated solid punched steel. Decks are pre pressed, punched, and welded, powder coated to 2.2mm thickness or vinyl plastic coated to a thickness of 4mm. Monkey loop climber 1.87 m x 1.15 m x 0.6 m which has thickness of 48 mm curved bar. Crab Roof of size 2.00 m x 1.78 m, Spiral tube Slide of size 3.2 m x 1.82 m x 2.7 m, Triple Slide of size 3.95 m x 2.93 m x 1.80 m, L - curved Slide of size 1.7 m x 1.8 m x 1.2 m, Double Slide of size	Each	0.00	6905711.02	

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NO	Description of Item	Unit	Qty	Rate, Rs	
				In Figures	In Words
53	Providing and fixing of Black Granite Slab board of size 1350 x600x30mm fixed in granite poles of size 150 * 150 * 3000mm. The poles shall be embedded in the ground for a depth of 500mm with 1:1.5:3 ratio cement concrete. The board shall be fixed as per the drawing and at the place indicated by the Engineer in charge of the work. The cost includes excavation, bare cost of all materials, cost of steel, centering, transportation charges, fixing charges, labour, drawings and directions of the Engineer in charge of the work. (Data Rate)	Each	10.00	57499.48	
54	Supply and fixing of Retro Reflective Single Arrow Road Name Signboard of size 1600mm x 900mm made out of retro reflective sheeting conforming to Type XI standards of ASTM D 4956 - 09 & as per IRC 67-2012 for full back ground of blue colour & white letters and fixed over 4 mm thick Aluminium Composite Material sheet having minimum 0.5 mm thick Aluminium skin on both sides with back side painted grey colour and fixed over back support frame SS angle of 15mm x 20mm x 1.2mm, supported by 38mm OD stainless steel pipe all round in 304 grade and 2 nos of vertical posts of 50 mm OD stainless steel pipe of 202 grade firmly fixed to the ground by means of properly designed foundation of size 450mm x 450mm x 600mm in 1:1.5:3 ratio cement concrete. The background shall be blue in color with letters and border in white, the item includes earthwork excavation, cost of all materials, loading, unloading, lead, lift, transportation etc., complete. as per direction of engineer in charge of work clause 6.9 of IRC 67-2012 for Type XI retro reflective sheeting from the sheeting manufacturer & a	Each	10.00	39726.58	
55	Supply and fixing of Retro Reflective Double Arrow road name sign board of size 2000mm x 900mm made out of retro reflective sheeting conforming to Type XI standards of ASTM D 4956 - 09 & as per IRC 67-2012 for full back ground of blue colour & white letters and fixed over 4 mm thick Aluminium Composite Material sheet having minimum 0.5 mm thick Aluminium skin on both sides with back side painted grey colour and fixed over back support frame SS angle of 15mm x 20mm x 1.2mm, supported by 38mm OD stainless steel pipe all round in 304 grade and 2 nos of vertical posts of 50 mm OD stainless steel pipe of 202 grade firmly fixed to the ground by means of properly designed foundation of size 450mm x 450mm x 600mm in 1:1.5:3 ratio cement concrete. The background shall be blue in color with letters and border in white, the item includes earthwork excavation, cost of all materials, loading, unloading, lead, lift, transportation etc., complete. as per clause 6.9 of IRC 67-2012 for Type XI retro reflective sheeting from the sheeting manufacturer & a certified copy of test reports from an independent test	Each	6.00	45999.20	
56	SS Dustbin with MS pole 3ft	Each	0.00	18295.18	
57	Twin Dustbin with MS pole 3ft	Each	0.00	19758.70	
58	Fibre Dustbin modern type, Monkey Dustbin 3.75 ft	Each	0.00	19027.04	
59	Fibre Dustbin modern type, Penguin Dustbin 3 ft	Each	0.00	19183.73	
60	Fibre Dustbin modern type, Hippo Dustbin 3.75 ft	Each	0.00	18974.74	
61	Fibre Dustbin modern type, Rabit Dustbin 3.75 ft	Each	0.00	18870.64	
62	Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 5.5 m3) (V-III Page No.3, Item No.1.1 A of PWD SR 2021-22)	Cum	2103.72	136.00	
	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km (V-III Page No.3, Item No.1.4 A of PWD SR 2021-22) Lead 8 Km	Cum	2103.72	112.00	
RL-01	Providing and Fixing pre cast covering Slab 230mm thick made out of CC , Jelly 20mm Down Size with steel reinforcement including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete as per Engineer incharge (Data Rate)	Sqm	14.40	5266.18	

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Sl No	Description of Item	Unit	Qty	Rate, Rs	
				In Figures	In Words
RL-02	Providing and Fixing pre cast covering Slab 100mm thick made out of CC , Jelly 20mm Down Size with steel reinforcement including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete as per Engineer incharge. (Data Rate)	Sqm	413.10	2166.28	
RL-03	Providing and laying of ITF Certified 5 layers of Acrylic synthetic standard system including primer, resurfacer and approved colour and line marking as per international standard including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete as per Engineer incharge. (Data Rate) (Data Rate)	Sqm	413.10	863.00	

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